

Sportneer ALU-01

Sportneer Heavy Duty Bike U-Lock with Security Cable Instruction Manual

Model: ALU-01

1. INTRODUCTION

Thank you for choosing the Sportneer Heavy Duty Bike U-Lock with Security Cable. This manual provides essential information for the proper setup, operation, and maintenance of your new bike lock. Please read these instructions carefully before use to ensure optimal security and product longevity.



Image 1.1: Components of the Sportneer U-Lock and Security Cable kit, including the U-lock, braided steel cable, two keys, and a mounting bracket.

2. PRODUCT OVERVIEW

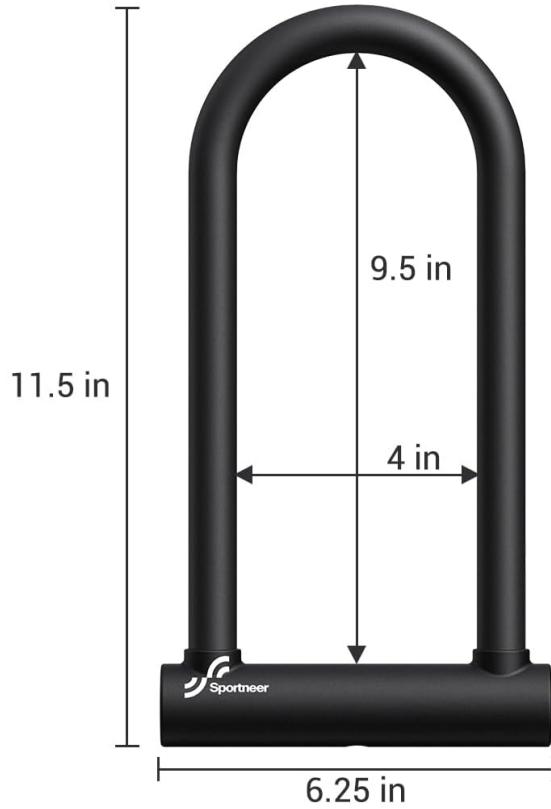
2.1 Components

- **U-Lock:** Heavy-duty alloy steel shackle with a zinc alloy lock core, coated in silicone for protection.
- **Security Steel Cable:** 6-foot (180cm) braided steel cable with PVC covering.
- **Keys:** Two identical keys for the U-lock.
- **Mounting Bracket:** Adjustable bracket for attaching the U-lock to your bicycle frame.



Lock Bracket*1

Key*2



U Lock*1

180CM Cable*1

Image 2.1: Visual representation of the U-lock and cable dimensions, showing the U-lock at 11.5 inches by 6.25 inches, and the 180cm (6ft) cable.

2.2 Dimensions and Materials

Component	Specification	Material/Coating
U-Lock Dimensions	11.5 x 6.25 x 0.71 inches (29.2 x 15.9 x 1.8 cm)	Alloy Steel, Silicone
U-Lock Shackle Thickness	18mm (0.71 inches)	Alloy Steel, Silicone
Security Cable Length	6 feet (180 cm)	Braided Steel, PVC
Security Cable Diameter	12mm (0.47 inches)	Braided Steel, PVC
Lock Core	N/A	Zinc Alloy



Image 2.2: Close-up view of the U-lock shackle, showing its 0.71-inch (18mm) thickness, indicating its robust construction.



Image 2.3: Close-up view of the security cable, illustrating its 0.47-inch (12mm) diameter and PVC coating for protection.

3. SETUP

3.1 Mounting Bracket Installation

1. Identify a suitable location on your bike frame for the mounting bracket. The bracket is designed to fit bike tubes with a diameter between 0.87 inches (2.2 cm) and 3.15 inches (8 cm).
2. Secure the bracket to the bike frame using the provided straps and screws. Ensure it is tightened firmly to prevent movement during riding.
3. Insert the U-lock into the bracket. The bracket is designed to hold the U-lock securely while you ride.

Adjustable & Large-Diameter Mounting Bracket

Adapts to round tubes up to **8cm/3.15inch** in diameter, covering all bicycle varieties! Upgraded metal screws for greater stability!



MOUNTING OPTIONS

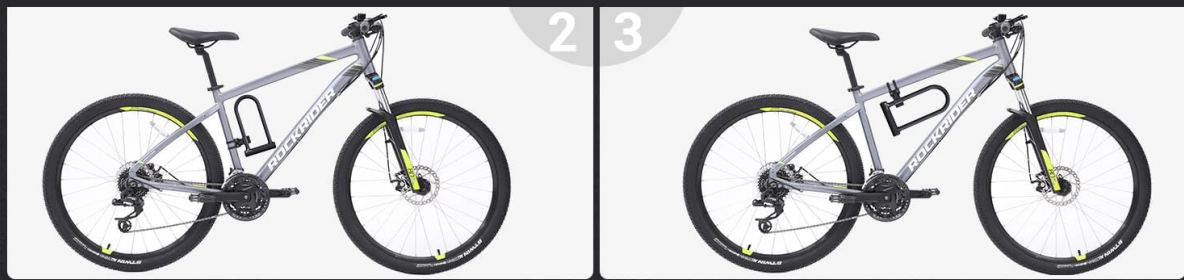


Image 3.1: The adjustable mounting bracket attached to a bicycle frame, demonstrating how the U-lock can be stored while cycling.



Image 3.2: The U-lock and security cable conveniently mounted on a bicycle, ready for transport.

4. OPERATING INSTRUCTIONS

4.1 Locking Your Bike

1. **Choose a Secure Object:** Always lock your bike to a fixed, immovable object that cannot be easily broken or removed, such as a dedicated bike rack, sturdy pole, or fence.
2. **Position the U-Lock:** Insert the U-lock shackle through the bike frame and the immovable object. Ensure the shackle passes through both components.

3. **Engage the Lock:** Insert the key into the lock cylinder and turn it to secure the shackle. Remove the key.
4. **Utilize the Security Cable (Optional):** For added security, thread the 6-foot steel cable through your bike's wheels, helmet, or other accessories, and then loop it through the U-lock before engaging the lock. This helps secure components not covered by the U-lock directly.

How to Lock Your Bike Properly

Thread the braided cable through the immovable object and front wheel. Thread the shackle of the U lock through the braided cable.

- 1 Make sure to lock your bike to a fixed, immovable object that's not easily broken.
- 2 Always secure the bike rack, wheels and immovable object simultaneously.
- 3

Common Mistakes When Locking A Bike

Lock front wheel alone with U lock, leaving other parts to be stolen easily.

Lock bike rack alone with U lock, leaving the wheels prone to be stolen.

Lock rear wheel alone with U lock and cable, leaving other parts to be stolen easily.

Image 4.1: A detailed diagram illustrating the correct method for locking a bicycle using both the U-lock and the security cable to a fixed object, along with common locking mistakes to avoid.

VERSATILE SECURITY

Sportneer Bike U Lock XL provides many different options for bikes with a larger size. For the best security, lock the bike frame together with wheel to a permanent post.

WORK

SCHOOL

4.2 Unlocking Your Bike

1. Insert the key into the lock cylinder.
2. Turn the key to release the shackle.
3. Remove the shackle from the bike frame and the immovable object.
4. Retrieve the security cable if used.

4.3 Versatile Applications

The Sportneer U-lock and cable combination can be used for various items beyond bicycles, including:

- Children's bicycles and electric bicycles
- Ladders and barbecue grills
- Sports equipment and lawn mowers
- Gates and other outdoor items



Image 4.3: A collage of images demonstrating the wide range of applications for the Sportneer U-lock and cable, including securing scooters, multiple bikes, motorcycles, lawnmowers, and gates.

5. MAINTENANCE

- **Keep Lock Cylinder Clean:** Regularly clean the lock cylinder to prevent dirt and debris from accumulating, which can affect its smooth operation. Use a small amount of graphite lubricant if the mechanism feels stiff.
- **Dry Conditions:** Ensure the lock cylinder remains dry, especially after exposure to rain or moisture, to prevent rust and corrosion.
- **Inspect for Wear:** Periodically check the U-lock shackle and security cable for any signs of wear, damage, or corrosion. Replace the lock if significant damage is observed.

6. TROUBLESHOOTING

6.1 Key is Difficult to Turn

- Ensure the key is fully inserted into the lock cylinder.
- Check for any debris or dirt in the keyhole. Use compressed air or a small amount of graphite lubricant to clear it.
- Wiggle the key gently while turning. Avoid forcing the key, as this can cause damage.

6.2 U-Lock Does Not Engage/Disengage Smoothly

- Verify that the shackle is properly aligned with the lock body.
- Apply a small amount of lubricant to the shackle insertion points and the lock mechanism.
- Ensure no external pressure is being applied to the shackle that might prevent it from moving freely.

7. SPECIFICATIONS

Feature	Detail
Brand	Sportneer
Model Name	ALU-01
Lock Type	Keyed U-Lock
U-Lock Dimensions (L x W x H)	11.5 x 6.25 x 0.71 inches (29.2 x 15.9 x 1.8 cm)
U-Lock Shackle Thickness	18mm (0.71 inches)
Security Cable Length	6 feet (180 cm)
Security Cable Diameter	12mm (0.47 inches)
Weight	Approximately 4.14 pounds (1.88 kg)
Included Components	U-Lock, Security Steel Cable, 2 Keys, Mounting Bracket

8. SAFETY INFORMATION

- Always secure your bike to a fixed, immovable object that is not easily broken or removed.
- For maximum security, aim to secure the bike frame, wheels, and the immovable object simultaneously.
- Do not leave your bike unattended for extended periods, especially in high-risk areas.
- Ensure the mounting bracket is securely fastened to your bike frame to prevent the U-lock from dislodging during transit.
- Keep keys in a safe place and consider carrying only one, leaving a spare at home or in a secure location.



Image 8.1: Important locking tips, including checking dimensions, keeping the lock cylinder clean, using a key to lock, and avoiding leaving the bike unattended for long periods.

9. WARRANTY AND SUPPORT

For warranty information, product support, or any inquiries regarding your Sportneer U-Lock, please refer to the official Sportneer website or contact Sportneer customer service directly. Keep your purchase receipt as proof of purchase.

Visit the official Sportneer Store: [Sportneer Store on Amazon](#)